

Oakwood City Schools

Technology Overview

Revised for 6/13/22



Technology is a Tool!



Invisible

Technology accelerates (does nothing on its own)

Established



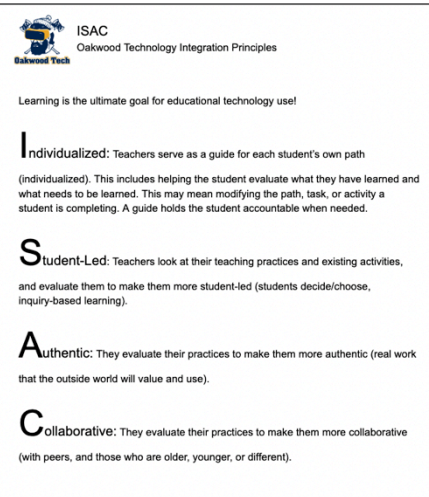
ISAC


Individualized

Student-Led

Authentic

Collaborative



 **ISAC**
Oakwood Technology Integration Principles

Learning is the ultimate goal for educational technology use!

Individualized: Teachers serve as a guide for each student's own path (individualized). This includes helping the student evaluate what they have learned and what needs to be learned. This may mean modifying the path, task, or activity a student is completing. A guide holds the student accountable when needed.

Student-Led: Teachers look at their teaching practices and existing activities, and evaluate them to make them more student-led (students decide/choose, inquiry-based learning).

Authentic: They evaluate their practices to make them more authentic (real work that the outside world will value and use).

Collaborative: They evaluate their practices to make them more collaborative (with peers, and those who are older, younger, or different).



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Teacher Technology Leaders

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ITC (area information technology center)



Co-operative services: support, software, purchasing, ISP, and more



Network services: Contract with Meta Solutions



Cybersecurity services: Contract with Forward Edge



Access Points



Closets



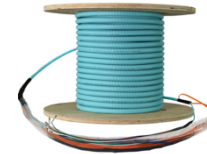
Fiber



Demarc



ISP



MacBooks- Staff (turn cycle last summer)

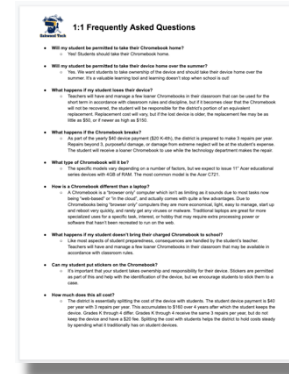
1:1 Chromebooks



What is a Chromebook?

- K-12
 - OHS students permitted to BYOD
- Cycled in 5th and 9th grades
- Yearly fee covers partial cost and 3 repairs

FAQs



Typical Classroom

- Projector
- Elmo
- Smart Board
- Apple TV
- 2 Loaner Chromebooks
 - + 3 cords

Elementary Idea Labs

- Extension of classrooms
- Extra materials and space
- Grade-level kits

Labs

- OHS engineering
- OJH engineering
- Specials iPads
- Lange iPads
- Science Lab
- OHS/OJH LMC Laptops
- OHS/OJH 210 Desktops
- OHS/OJH Laptop cart
- Science Laptop cart
- Harman Laptop cart
- Smith Laptop cart
- Journalism Laptops



- SIS- ProgressBook Suite
- Leave System- Frontline Absence Management
- Special Education- Frontline SEM
- HR- Frontline Unified Talent
- Productivity- Google Suite
- LMS- Google Classroom
- Website and Mass Messaging- FinalSite
- Financial- USAS/USPS R
- Network- Meraki
- Filtering- LightSpeed
- Lunch- MealsPlus
- EndPoint Security- SentinelOne
- Phones- Goto Connect
- Testing- TIDE, Aimsweb, AP
- TextBooks- HMH, Pearson, McGraw, TCI, many others



- Tickets!
- 1:1 Repairs
- Records requests
- Account management
- Testing
- Turn cycles
- Ordering/Vendors
- Student device rollouts
- Yearly Integrations
- Communication
- Parent Accounts
 - Troubleshooting
- Data
- System Launches and revisions
 - Recent- Textbooks, FinalForms, Absence Management, Filtering
 - Future
 - Lunch, Access Control
- Construction
- **Cybersecurity**
- **Training**
- **Planning**



All security is a balance between usability and security

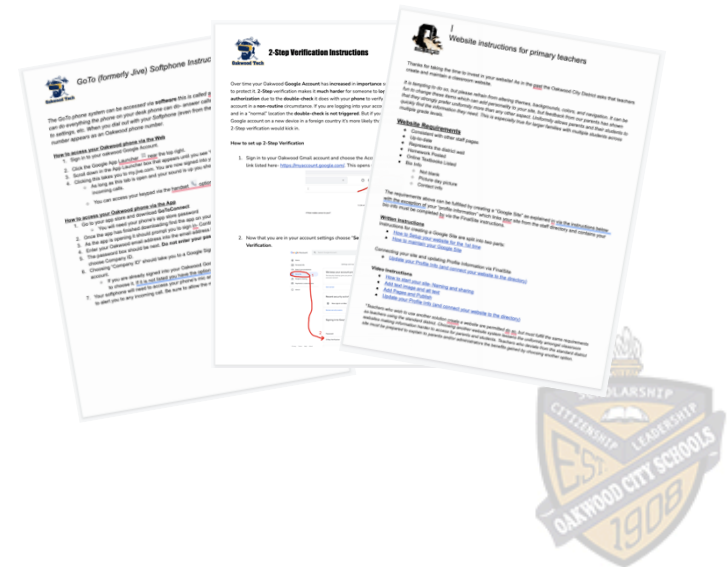


Continually making the next improvement as guided by our contracted experts- Forward Edge

- 2FA
- Local device account changes
- System config changes
- SIEM
- Formalized response plan
- Phishing campaigns
- Formalized response plan
- Phishing campaigns
- More



- Videos and Screencasts
- New Staff Orientation
- Old Fashion Instructions
- SAMR Program
- Tech Challenges
- Collaborations
- Regular PD Sessions
- Knowledgebase
- Self Assessment with follow up training



Every approximately 5 years a team of stakeholders helps in the creation of Technology Blueprint. Currently meeting and developing the plan.

Likely Blueprint Goals

- Expanding current special education system use to include plans of support for other student needs
- Establishing a review and improvement procedure for core district systems focused on end-user experience
- Structured pre-approval of web applications for individual classroom use
- Creating Technology PD method that focuses on self-assessment and anytime learning
- Focuses on skill and digital citizenship in any potential technology curriculum changes
- Developing a system for assessing digital resources for accessibility
- Exploration and planning for future-looking student tools
- Potential Blended Learning model adoption and effects

